

ICS 209 (Oil Spill) - Incident Status Summary										Version Name: 20191218							
Incident Name: South 4 Group Fire										Period: Period 15 [12/17/2019 06:00 - 12/19/2019 06:00]							
Spill Status (Estimated)										Equipment Resources							
Source Status		Remaining potential		151,740		Kind		Ordered	Available	Assigned	Out-Of-Service	Total Count					
SECURED		Rate of spillage		0 barrel(s)		Air Monitor - AreaRAE		0	0	34	0	34					
		Volumes measured in		barrel(s)		Air Monitor - MultiRAE		0	0	81	0	81					
		Since Last Report		Total		Air Monitor - UltraRAE		0	12	43	0	55					
Total Volume Spilled		0		999		Boom		0	1,001	6,500	0	7,501					
Mass Balance (Estimated)										Volumes in gallon(s)							
Recovered Material (Liquid)		15,000		76,500		Fire Fighting Foam		0	1,590	0	0	1,590					
Foam		0		1,320		Jon Boat		0	0	6	1	7					
Combusted Material (bbl)		0		48,970		Pumps		2	20	36	0	58					
Waste (Estimated)										Response Boat			0	0	3	0	3
Type		Recovered	Stored	Disposed	UOM	Skimmer		0	17	1	0	18					
Sorbent: Boom		12,120			Feet	Sorbent: Boom		0	50	8,350	0	8,400					
Debris		1,169			Bags	UTV		0	0	9	0	9					
Liquid		171,850			gallon (s)	Vacuum Truck		0	0	7	3	10					
Shoreline Impacts										Distances measured in mile(s)							
Degree of Oiling		Affected	Cleaned	Remaining to be Cleaned		Vehicle		1	17	153	0	171					
Wildlife Impacts										Viscous Sweep			0	0	250	0	250
				Died In Facility		Personnel Resources											
Type		Captured	Cleaned	Released	DOA	Euth.	Other	Organization		People in the Field	People in Cmd. Post	Total People On Scene					
Fish Above 3"		0	0	0	68	0	0	Other		9	0	9					
Bird		0	0	0	0	0	0	Federal		0	2	2					
Mammal		0	0	0	0	0	0	State		0	2	2					
Reptile		0	0	0	1	0	0	Local		1	0	1					
2-3" Fish		0	0	0	2,000	0	0	RP		43	27	70					
Blue Crab		0	0	0	18	0	0	Contract Personnel		226	56	282					
Pig					2			Volunteers		0	0	0					
Safety Status										Totals			279	87	366		
Type		Amount since last report		Total Amount		Special Notes											
Public Injury		0		0		Active Fires: 1 Notes: *Spilled material based on 98% destruction efficiency of the fire. Pigs found DOA. They were examined and both were found with gunshot wounds.											
Responder Injury		1		5													
Community Air Readings for all analytes		0		80,000													
BD - Community Air Detections above action level		0		240													
Community Air Monitoring readings for Butadiene				29,707													
VOC - Community Air Detections above action level		0		12													
ICS 209 (Oil Spill) - Incident Status Summary										Prepared By Planning Section, Updated 12/18/2019 23:21 UTC -6: PP							
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/19/2019 12:37 UTC -6:00				1 of 7			© TRG								

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Safety Status					
<i>Type</i>	<i>Amount since last report</i>	<i>Total Amount</i>			
Community Air Monitoring readings for VOC		29,952			
ICS 209 (Oil Spill) - Incident Status Summary			Prepared By Planning Section, Updated 12/18/2019 23:21 UTC -6: PP		
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Daily Summary – TPC Port Neches South 4 Group Fire 12/18/2019

The waterway has now transitioned to Maintenance and Monitoring Mode

Shoreline Impacts	Assessed, miles	In Remediation, miles	Sign Off
No Oil Observed	4.96		4.96
Light Oil	1.05		1.05
SCAT Recommends No Further Treatment	2.58		2.58

Today's Activities

- There were no CIR's on 12/18/2019
- OSHA and CSB began their site assessment on 12/18.
- DEHA was not injected into any tanks on 12/18/2019.
- One fire remains burning.
- There have been no readings above the detection limit for butadiene in the community for approximately 48 hours, as of 06:00 on 12/18/2019.
- The last hand-held air monitoring reading for butadiene that was above the action level was on 12/13/2019 at a level of 1.19 ppm.
- The drone was able to visually confirm that Tanks 33, 35 and 36 were still leaking. Operations requested Maintenance Team assess what could be done to close off the lines before Friday.
- The low volume vapor leak from under Tank 33, which is inaccessible for safety reasons, is ongoing and continues to be minor. The cribbing contractor began implementing the cribbing plan by successfully placing 23 loads of dirt to stabilize Tank 33.
- Plans under consideration address leaks near Tanks 35 & 36 have been developed, resembling the plan implemented for addressing Tank 25, utilizing a crane with man basket.
- The approved Asbestos Wipe and Air Sampling Plan has been initiated in the buildings that have passed the Structural Safety Assessment, which will continue until all safe buildings are sampled. A plan is being developed to assess and clear buildings for further access.
- The laboratories that have been analyzing the air and asbestos samples, will have a week-long pre-scheduled audit this week. As a result, they will not be able to process the samples during that time. CTEH will provide a weekly summary of air and asbestos analytical results each Monday. They will do the same for water samples to be consistent.
- No new leaks were identified. The ongoing leaks have been identified on lines associated with the following:

Tank Number/Equipment Type	Material in Tank	Component Involved	Repaired
39	Raffinate	Flange on line east of sphere 39	
40	Raffinate	Tubing valve	12/14/2019
36	High Butane Raffinate	Flange on tank	
33	High Butane Raffinate	Tubing fitting	
35	High Butane Raffinate	Tubing leak	
90 & 91	High Purity Butadiene	Leak on common suction line, 092 that runs N to S	
26	Crude C4	Line leak, attempted repair with clamp	12/14/2019
30	Water and NMP Solvent	Tubing fitting	12/13/2019
219	MTBE	Vacuum Breaker	
2" Flange SE corner of block 10	Assumed BD	Flange	

6" valve at block 5 on 3 rd street	Raff	Valve	12/17/2019
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- The Outfall Canal remains in Monitoring and Maintenance mode. Water was approximately 2 feet below the Outfall 201 weir. There was no discharge from Outfall 201.
- Latex- containing water was transferred from Lion on to JWWTP, per procedure. There was a small amount of waxy material collecting at the western point of the joint wastewater canal. Clean Harbors personnel remain ready to collect the material.
- The Wildlife Hotline has not received a call regarding incident- impacted animals since 12/6/2019. Wildlife Response personnel responded to the CIR report of a dead pig on 12/17 in the waterway at Orchard Street. On 12/18, while the response team was removing the small pig, a second was found under it. Both had signs of bullet wounds. TPC disposed of the carcasses per TPWD's instruction.

Upcoming Activities

- OSHA and CSB will continue their site assessment on 12/19 and 12/20.
- Continue to execute the cribbing plan for Tank 33 on 12/19. This project is forecasted to take between 8-10 days to implement.
- The new Community Alarm System was delayed, but to be delivered on 12/19/2019. Testing will be announced when the schedule is confirmed.
- Daily school air monitoring will continue 12/16 – 12/20. Monitoring of the schools will be suspended during Holiday Break, but the area will continue to be monitored as part of the 1-mile radius Air Monitoring Plan.
- The Potential Asbestos Containing Material (PACM) Cleanup Team Activities are anticipated to begin collecting material found on the ground, per the recently approved plan. They will remove the loose PACM, but will not remediate the area or disturb the evidence. The teams will start at the north end of the site, collecting the material in a planned manner until the whole site has been completed.
- It is anticipated that TXDOT will begin to change the flow of traffic patterns on 12/20 to open the south two lanes of Hwy 366 to two-way traffic between Hogaboom and Park streets. This could enable changed flows by the end of 12/21, allowing the public to have access to that section of the road and enable TPC to utilize the northern three lanes to facilitate moving equipment and personnel east and west across the site.

Health and Safety

- A CIR was submitted as an update to state the ankle injury reported on 12/16 resulted in work restrictions.

Water Effluent

- Status of 201: No flow from Outfall 201. The water level remained 1.5 -2 feet below the weir level.
- GPM to JWWTP: 3300 gpm was discharged until 18:00, when flow was stopped.

Water Testing: No new analytical information. Analytical summaries will be provided each Monday

- As of December 11, 2019, a total of 179 surface water samples have been collected at 20 different locations for VOCs, SVOCs, PAH, PFAS, TPH, TOC, oil and grease, ethylene glycol, and asbestos analysis. Results of these analyses are not representative of drinking water sources.
- As of December 11, 2019, 155 surface water sample results have been received for VOC analysis and 94 results received for asbestos analysis.
- There have been no exceedances of TCEQ Contact Recreation Water Protective Concentration Limit (PCL) screening levels for the surface water samples with available PCLs. Where no PCLs are available, results are being compared to background surface water samples.

Wildlife Report

- A second small pig was found in the waterway under the one reported 12/17 at the boom at Orchard Street. Both animals showed evidence of bullet wounds. The agencies were notified. The carcasses were disposed of per the agencies' instructions.

Recovery Operations

- Routine monitoring.

SCAT Report

- Maintenance and Monitoring Plan is in effect.

Waste

12/17/2019 No report was not received. Escalated to Clean Harbors

Some analytical results were received for waste classification.

Gallons	Frac Tanks (20,000 gallons capacity)	# Of Tanks Used
177,500	Liquids from outfall canal skimming	9
10,000	Water and hydrocarbons from south separator	.5
30,000	Latex-laden Wastewater from LION	1.5
	Empty Available and Staged	7
210,000	Totals	18

CYD's	Roll Off Boxes (25 CYD's capacity)	# Of Boxes Used
225	Hydrocarbon Debris and Sorbents From Canal	9
225	Totals	9

Empty available and staged (requested 4 more) 2

CYD's	Potential Asbestos Containing Material (PACM)	# Of Boxes Used
12.5	Material from 201 outfall and south separator	0.5
30	Motiva (1-full, 1-in use)	2
6.25	Joint Waste Water	1
48.75	Totals	4

	Other	
	Routine Plant Trash (Garbage)	1
	Dirty Containment Boom waiting on decon	2

Community Air Monitoring

Please note: Air and Asbestos air monitoring samples will continue to be collected, but analytical results will be reported once per week on Monday.

Asbestos Monitoring

Community

- Wipe samples: Zero of the 188 samples collected have been positive for asbestos
- Bulk Sampling: 96 of 237 samples tested positive for asbestos

Air Monitoring Sampling Results

Community

No analytical updates available at the time of this report.

Analytical	Detections	Samples Collected	Sample Stations
Volatile Organic Compounds (VOC)*	2*	422	44
Poly Aromatic Hydrocarbons (PAH)	None Detected	476	28
Asbestos	None Detected	718	44

2* There were detectable amounts of VOC, but two were above the Texas Commission on Environmental Quality (TCEQ) 24-hour AMCV (430 ppb), however below the TCEQ short-term AMCV (1,700 ppb).

Community Assessments

Refer to following pages.

Community Property Assessment Summary

132

41

105

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Community Property Assessment Summary - Jefferson

111

38

85

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Community Property Assessment Summary - Orange

21

3

20

Count of Industrial Debris Claims
SampledCount of Properties with Observed
DamageCount of Properties with Observed
Debris

Completed Property Assessments Property Type Sum

Type	# of Properties
Commercial/Business	1
Multi-family Residence	2
Single Family Home	129
	132